BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images, please do not report the images to the Image Problem Mailbox.

A-01053 FIGS. 1-34B

FIG. 1

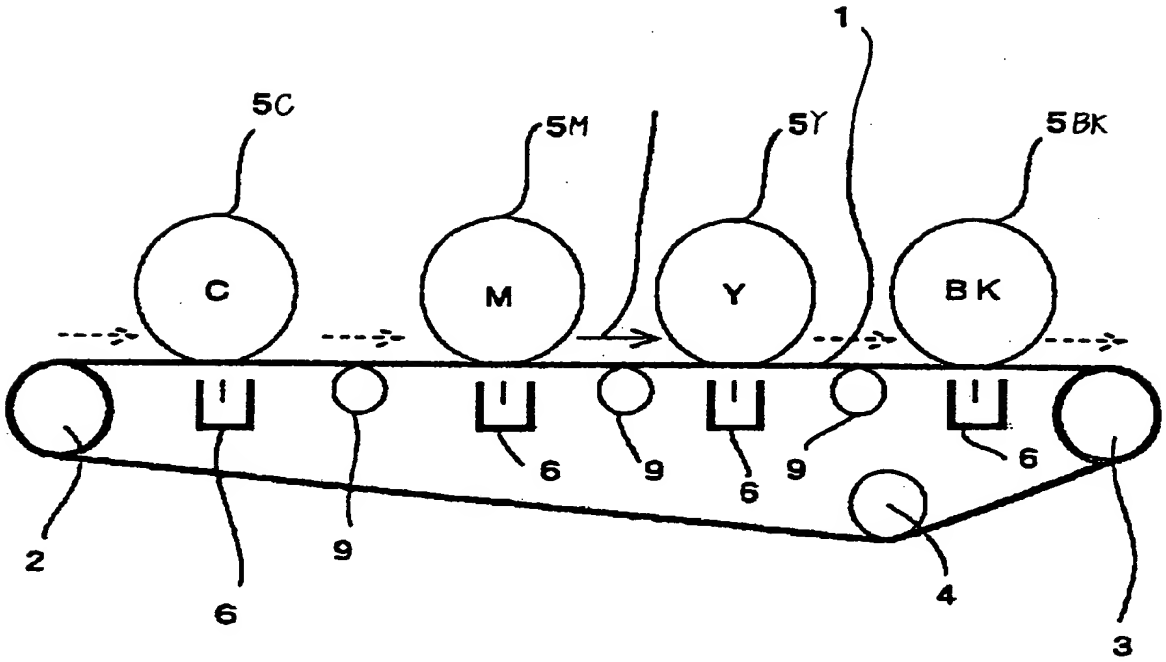


FIG. 2

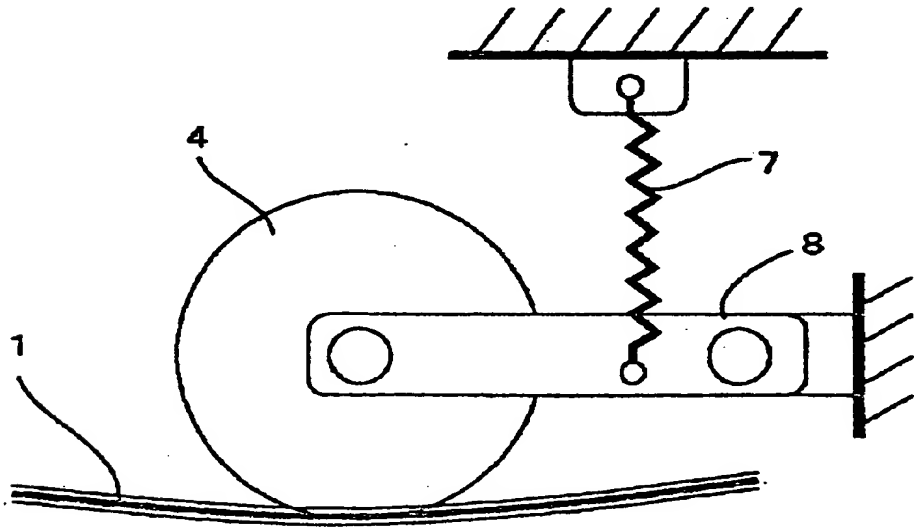


FIG. 3

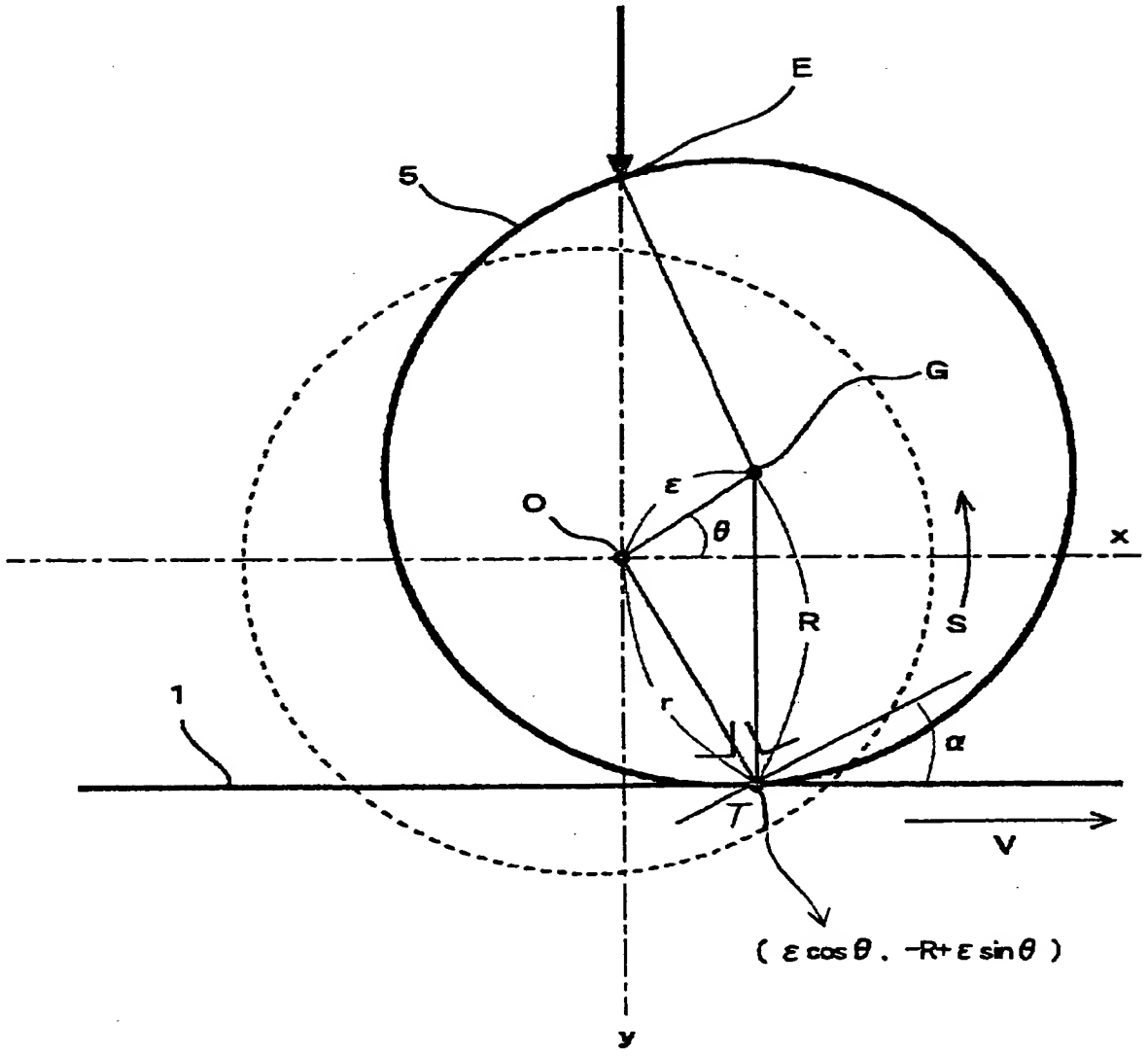


FIG. 4 PRIOR ART

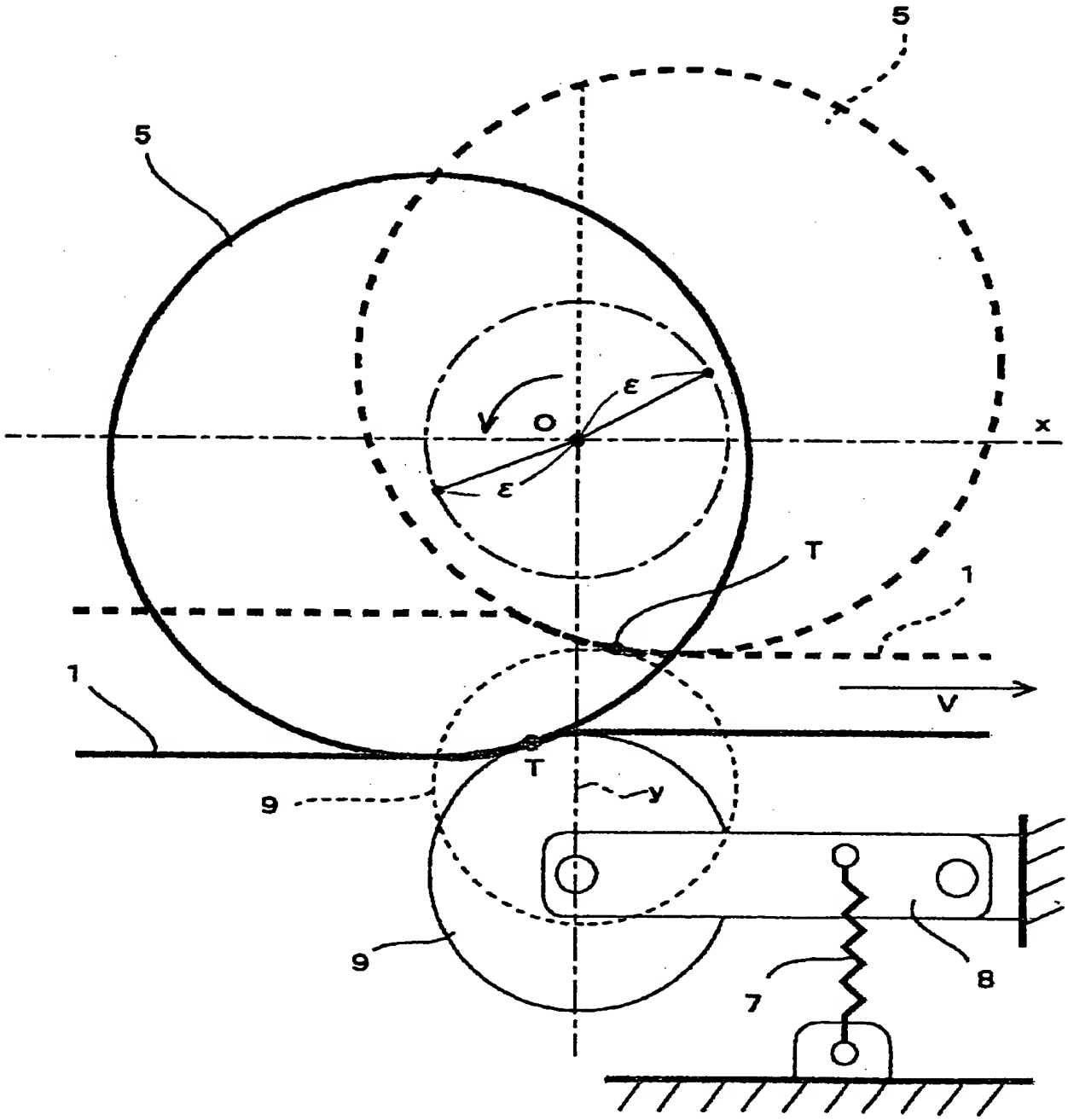


FIG. 5

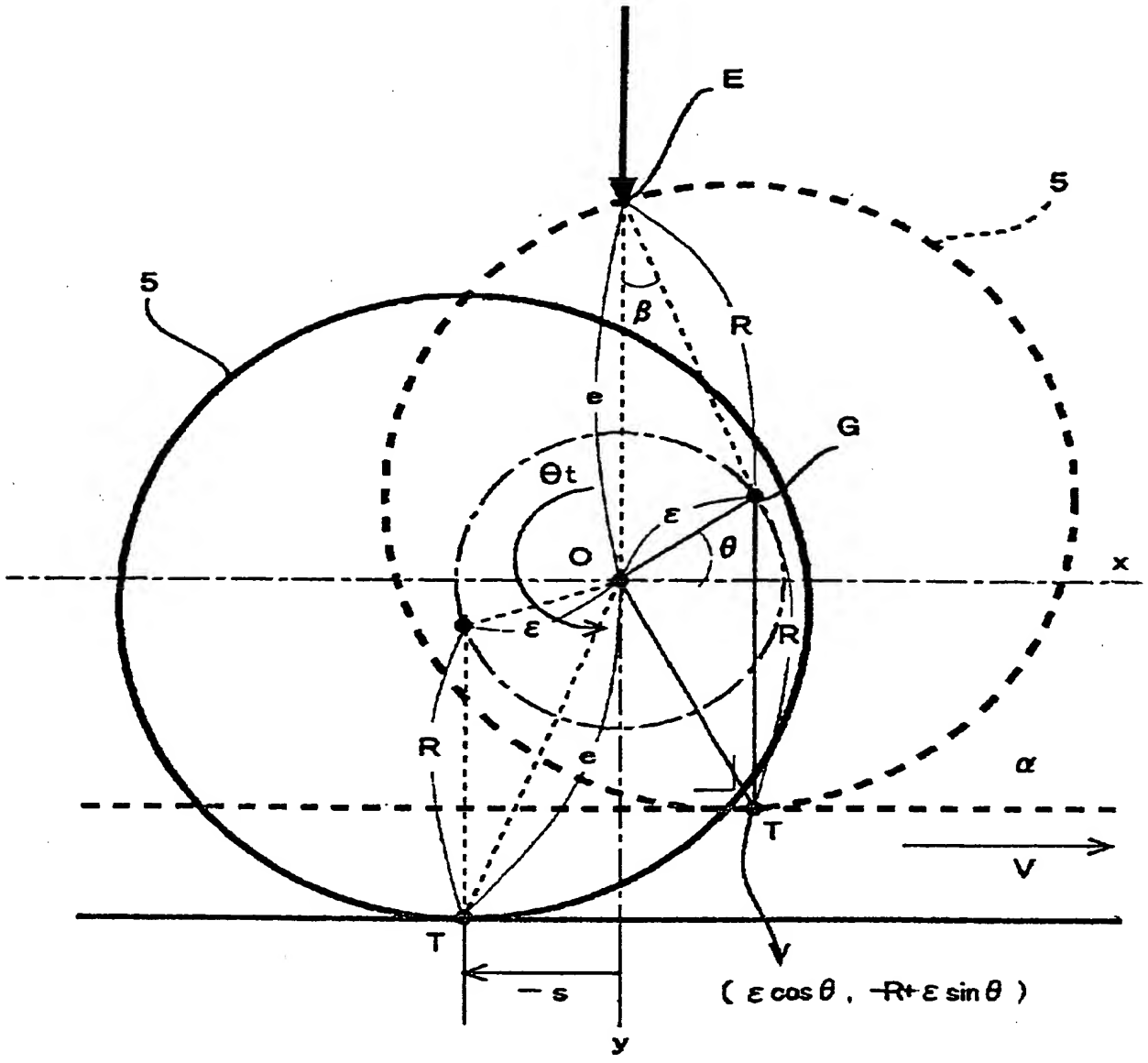


FIG. 6

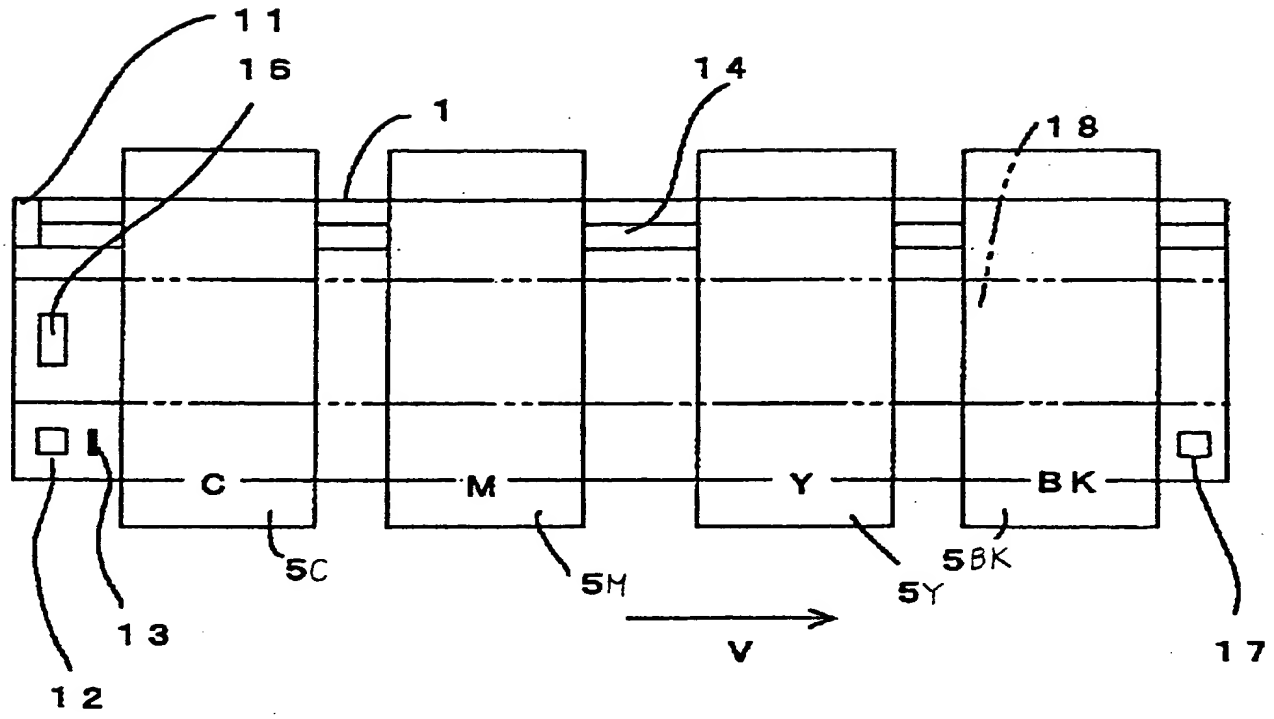


FIG. 7

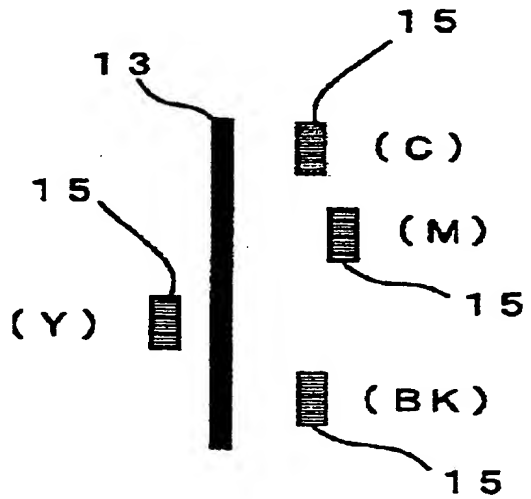


FIG. 8

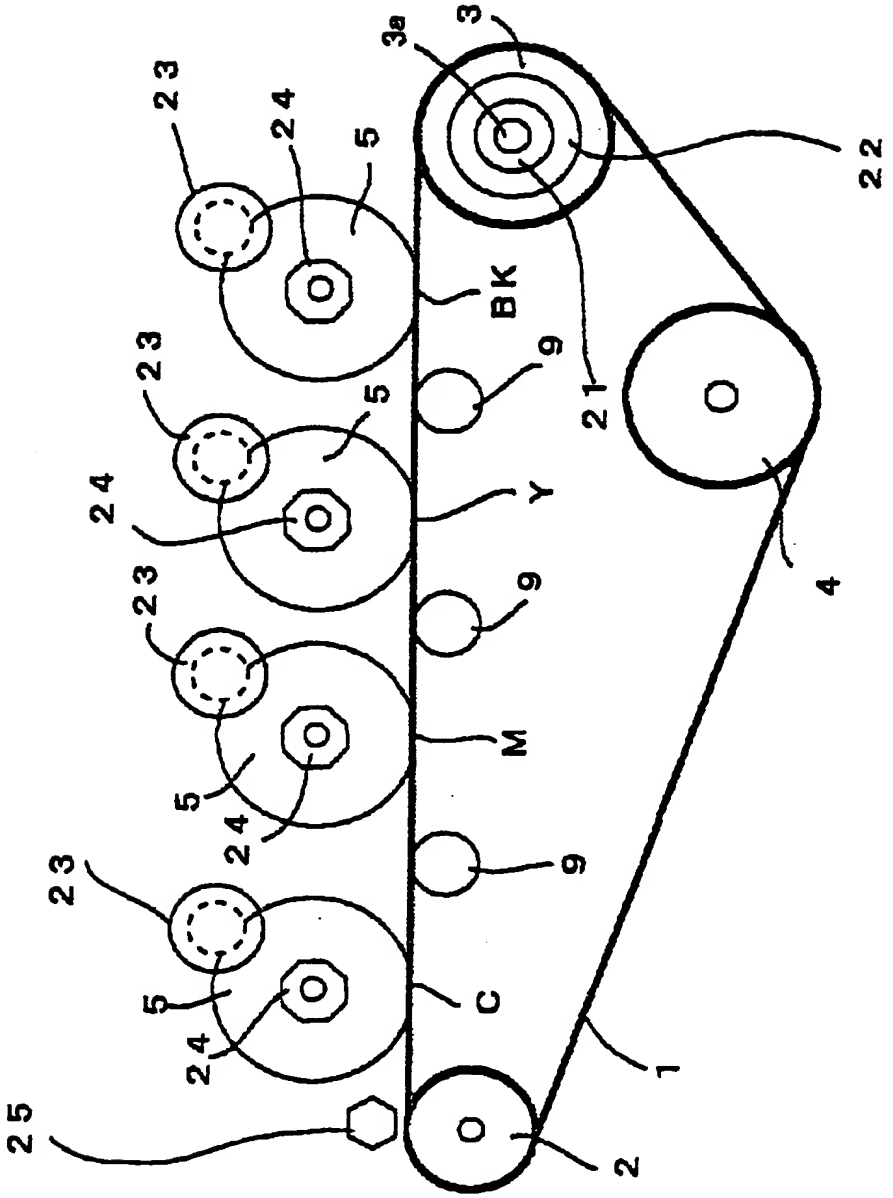


FIG. 9

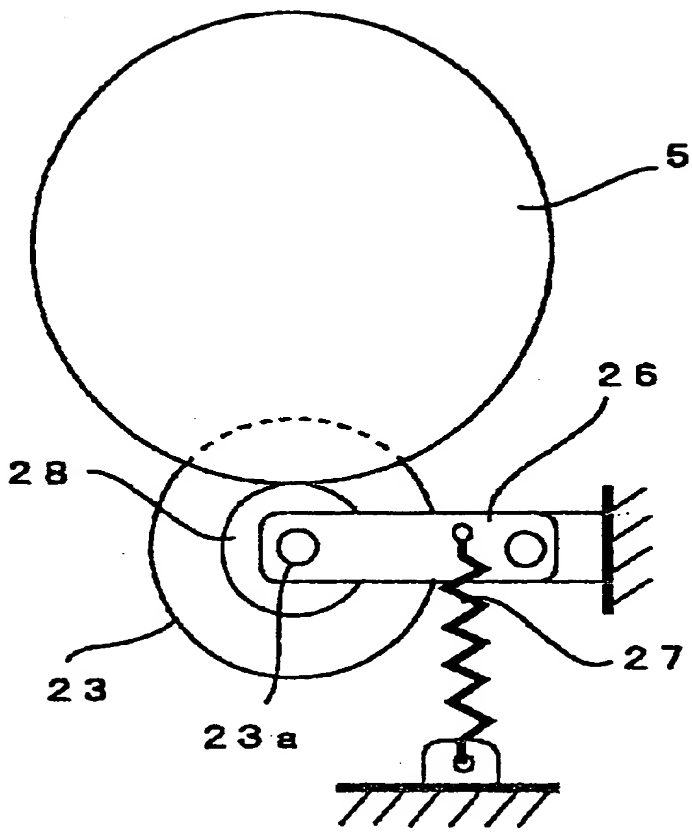


FIG. 10

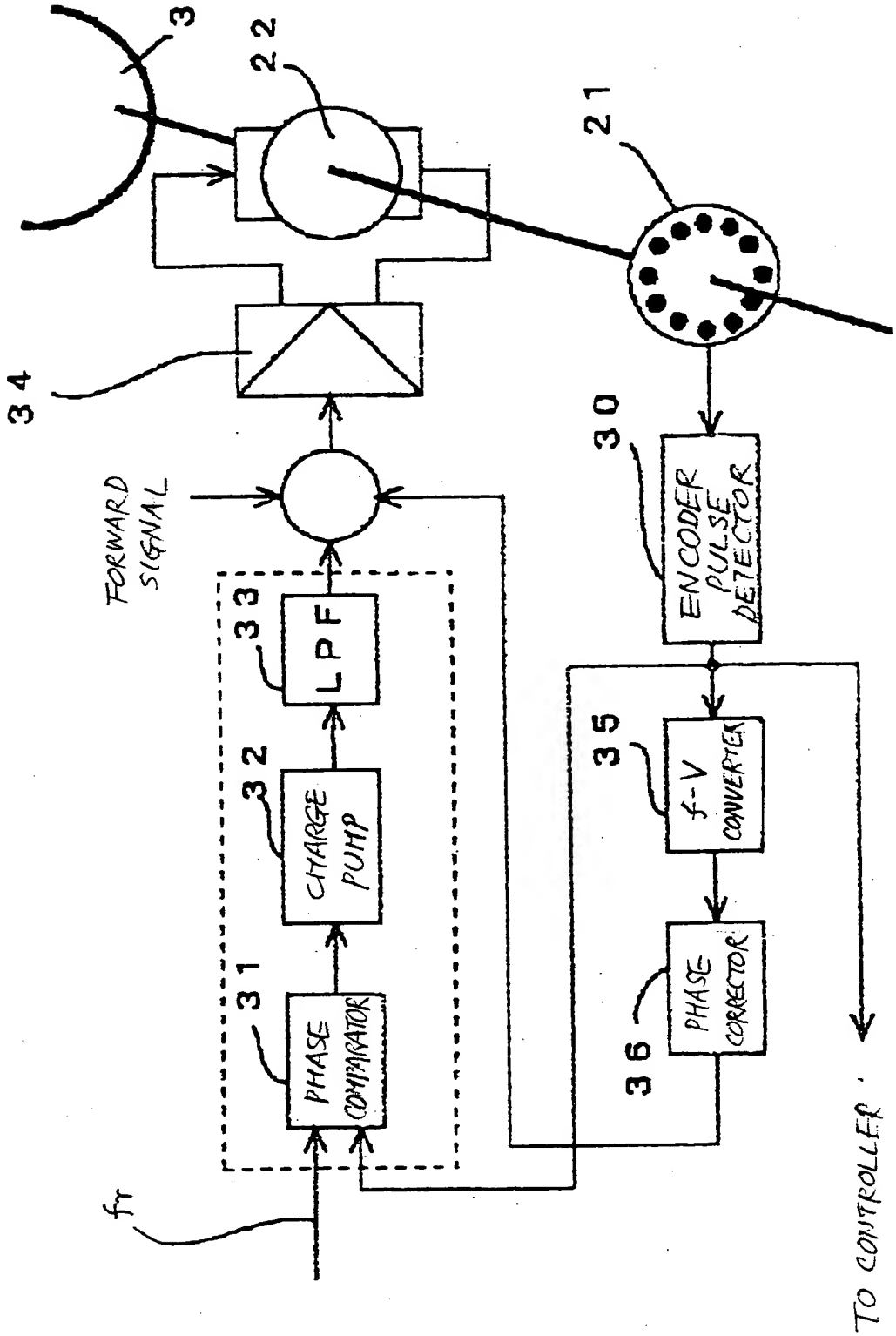


FIG. 11

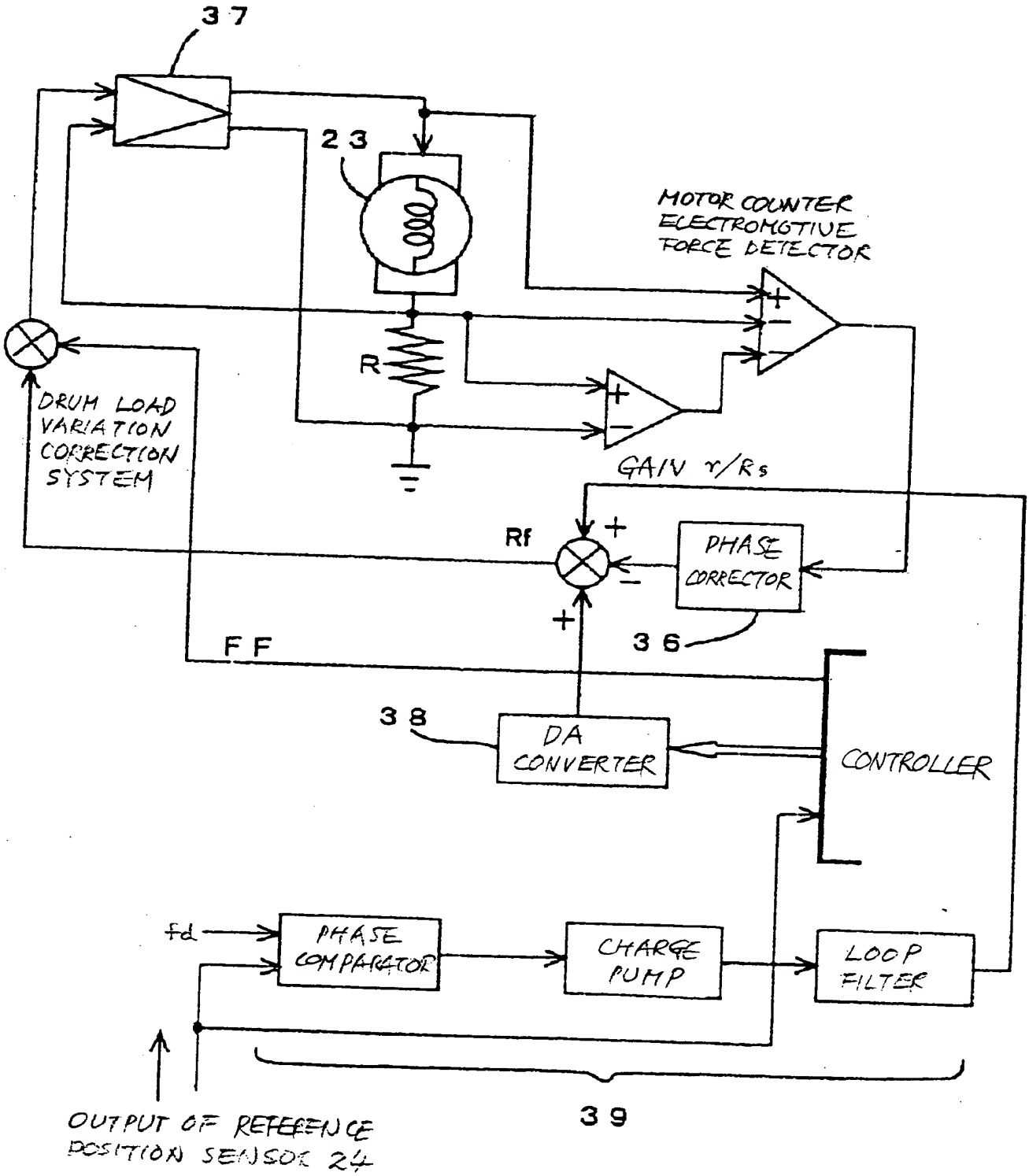


FIG. 12

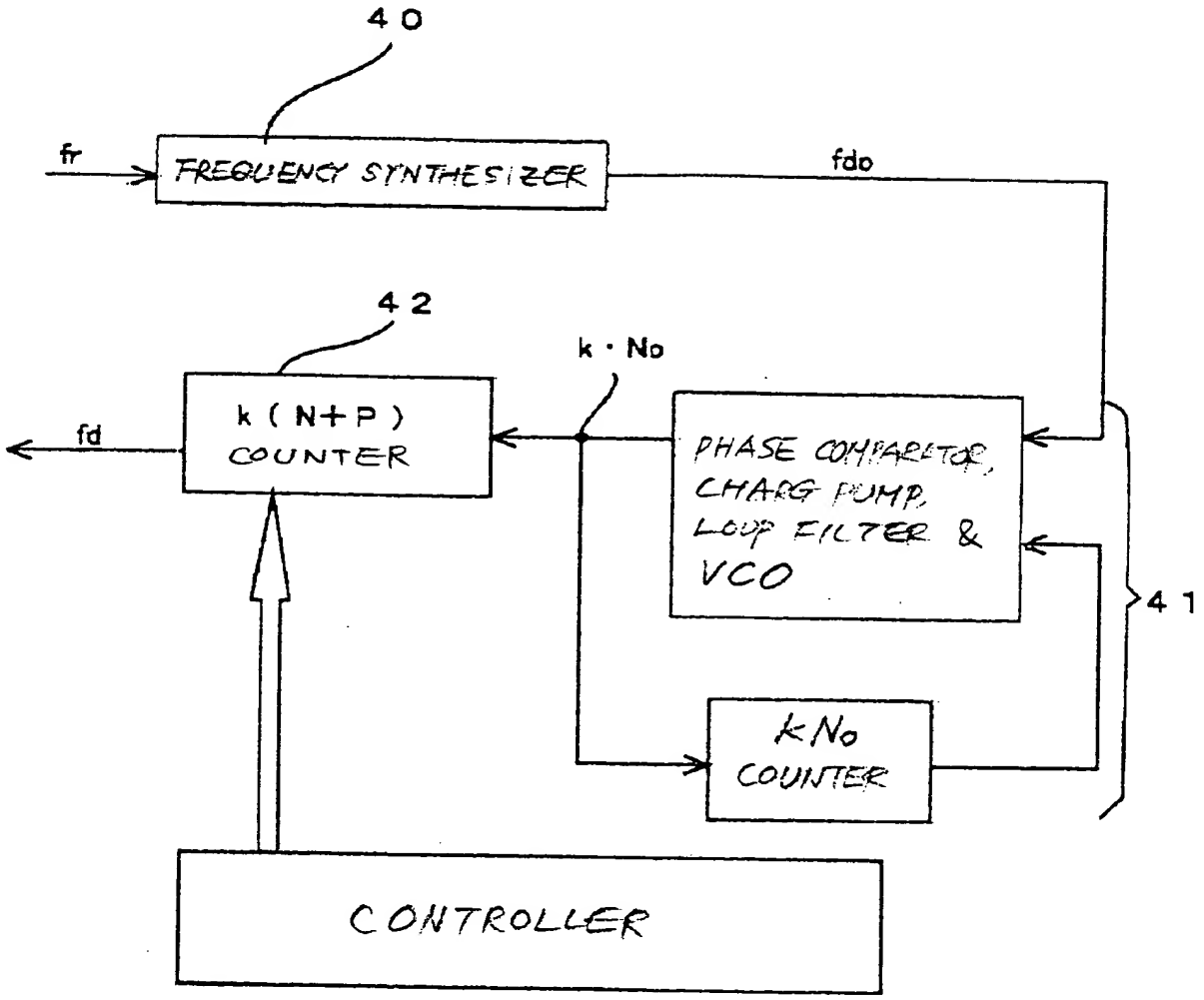

40
fr
FREQUENCY SYNTHESIZER
fdo
42
k · No
k (N+P)
COUNTER
fd
PHASE COMPARETOR,
CHARG PUMP,
LOUP FILTER &
VCO
41
kNo
COUNTER
CONTROLLER

FIG. 13

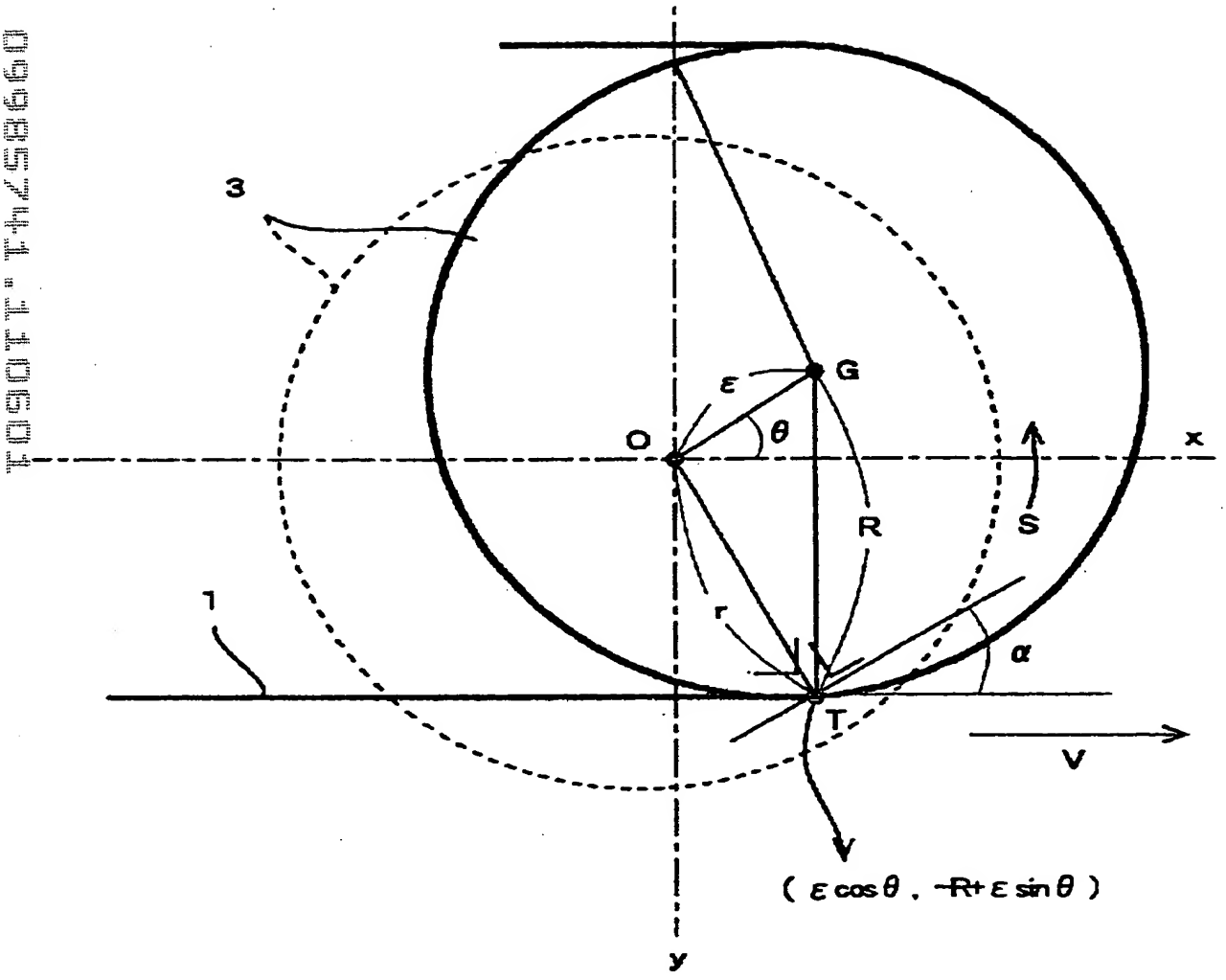


FIG. 14

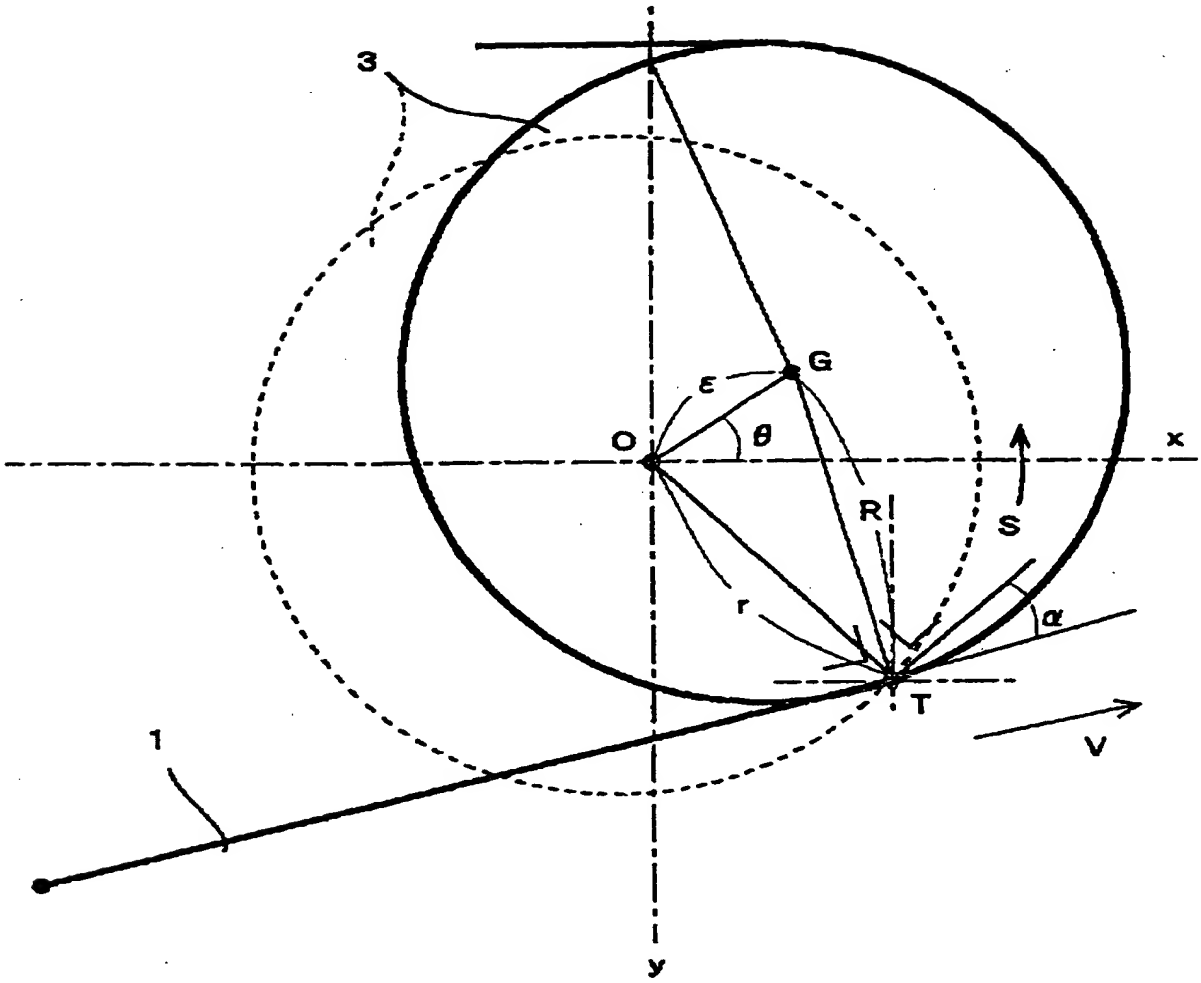


FIG. 15

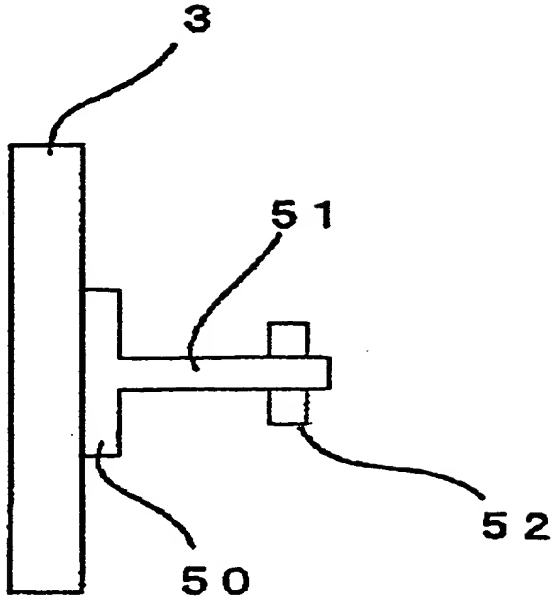


FIG. 16

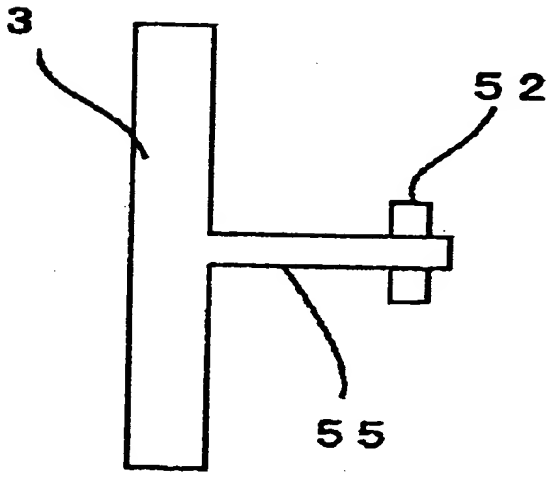


FIG. 17

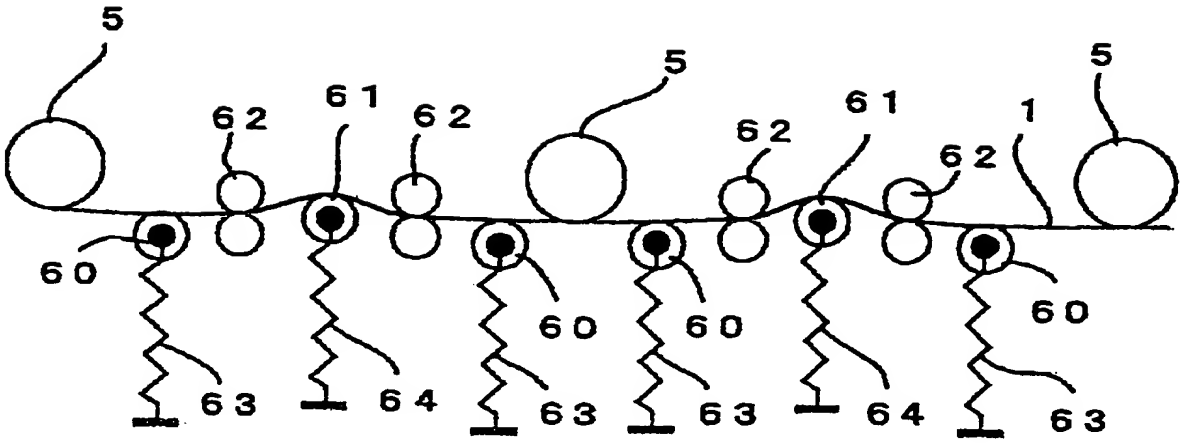

5
62
61
62
5
62
61
62
1
5
60
60
60
60
60
63
64
63
63
64
63

FIG. 18

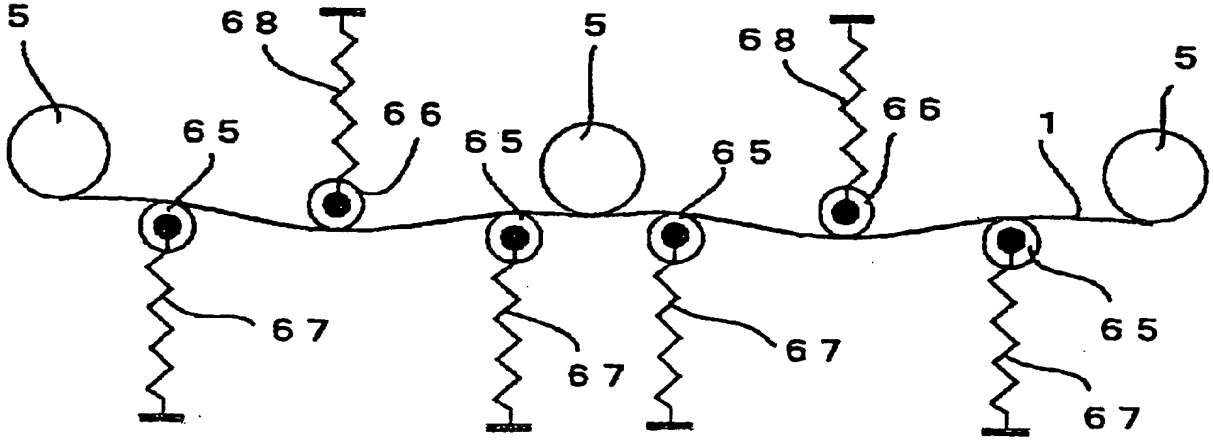

5
68
66
65
5
65
68
66
65
1
5
67
67
67
65
67

FIG. 19

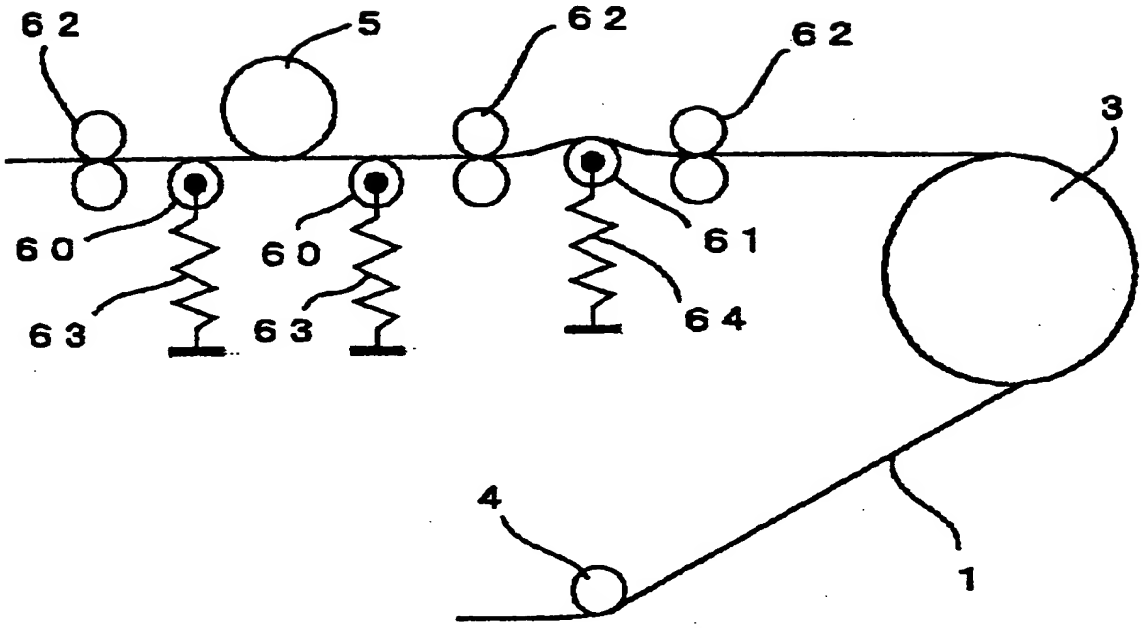

62
5
62
62
3
60
60
61
63
63
64
4
1

FIG. 20

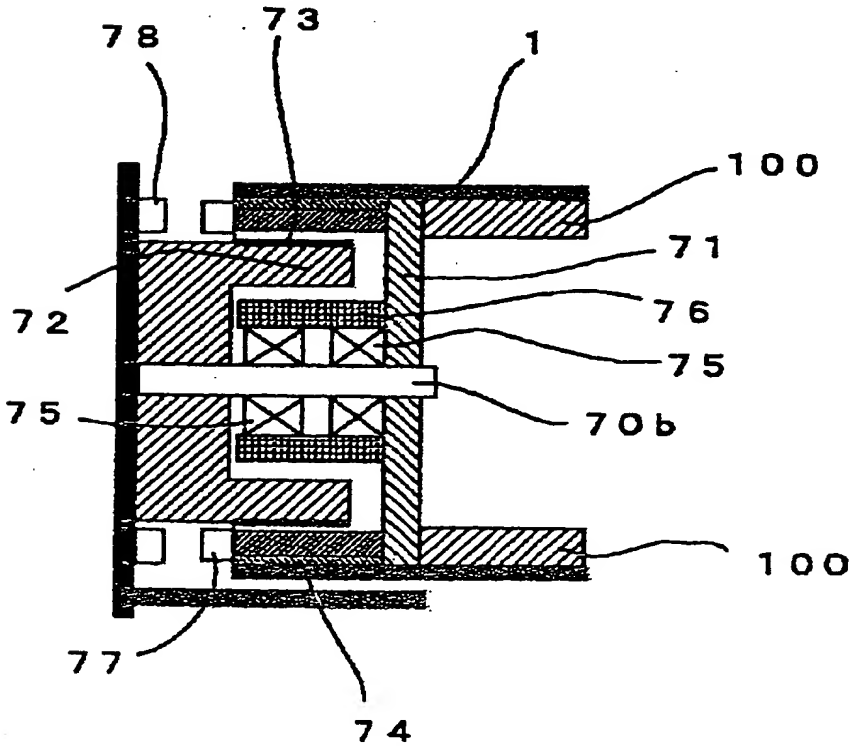

78
73
1
100
71
72
76
75
75
70b
100
77
74

FIG. 21 PRIOR ART

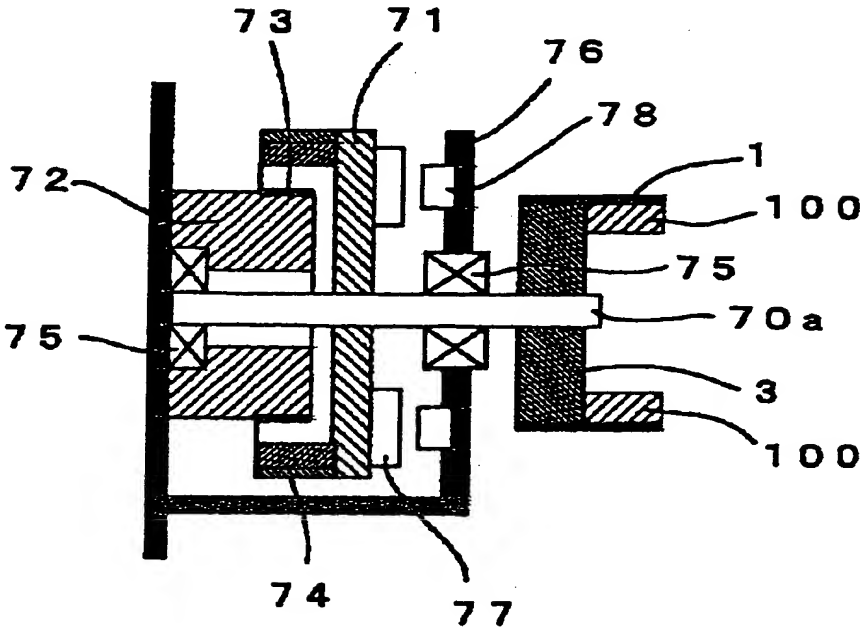


FIG. 22

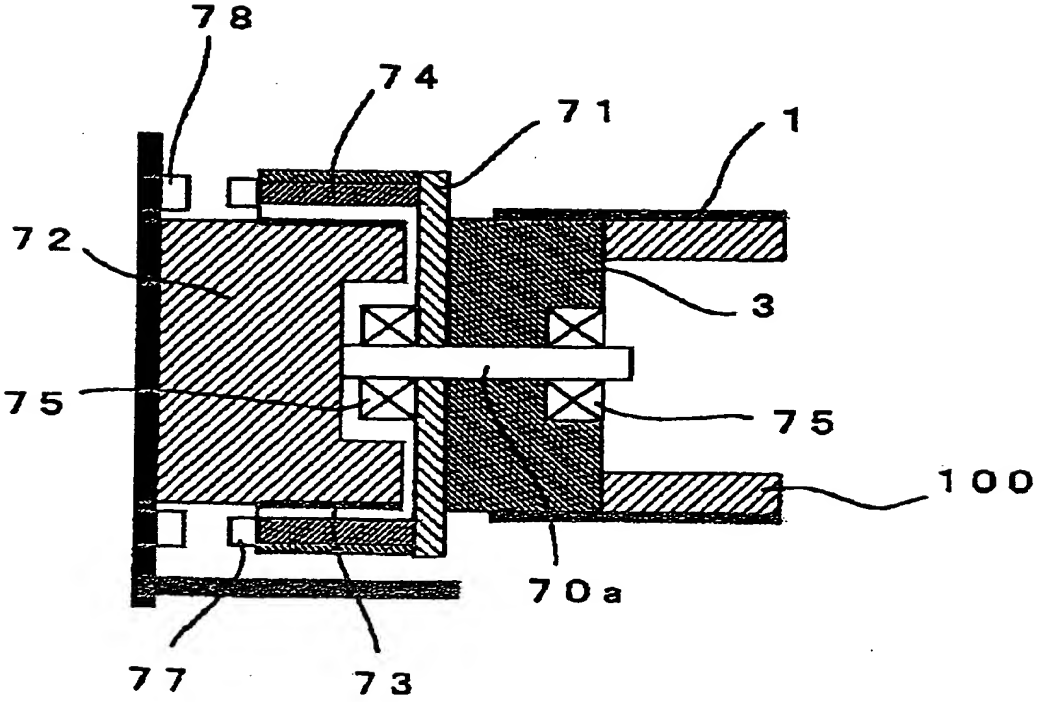


FIG. 23

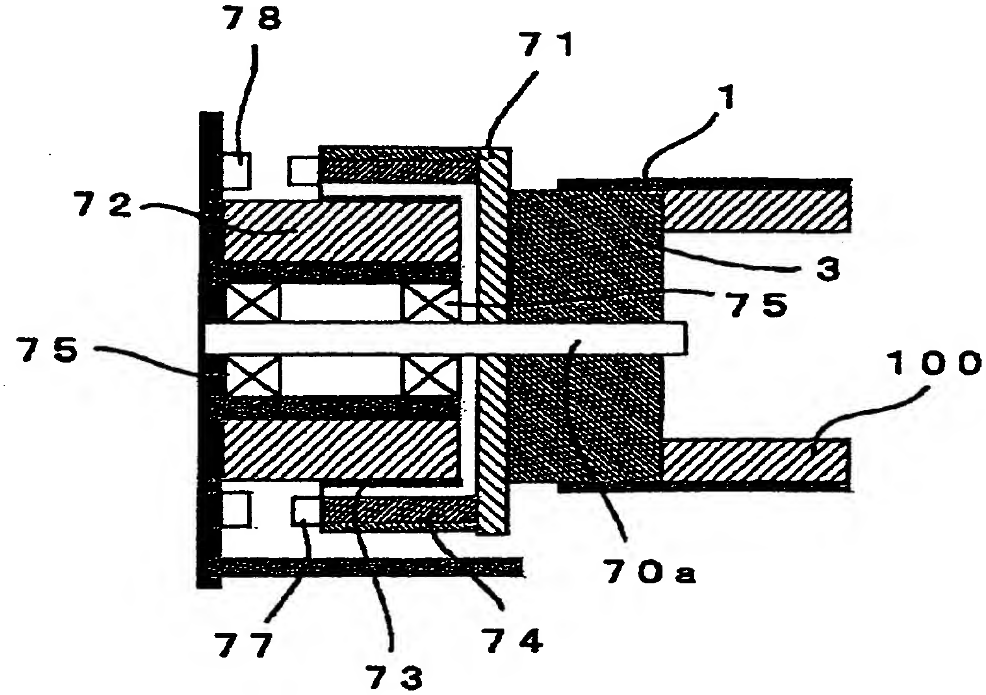


FIG. 24

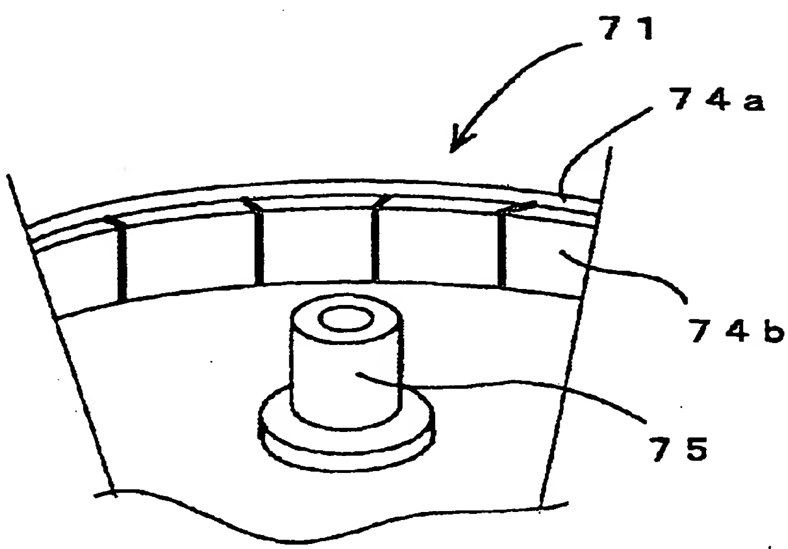


FIG. 25

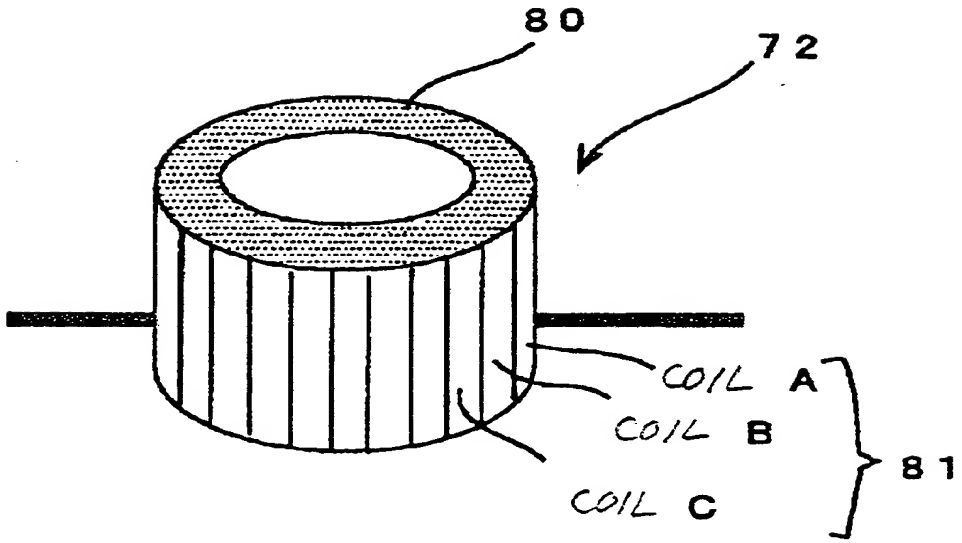


FIG. 26

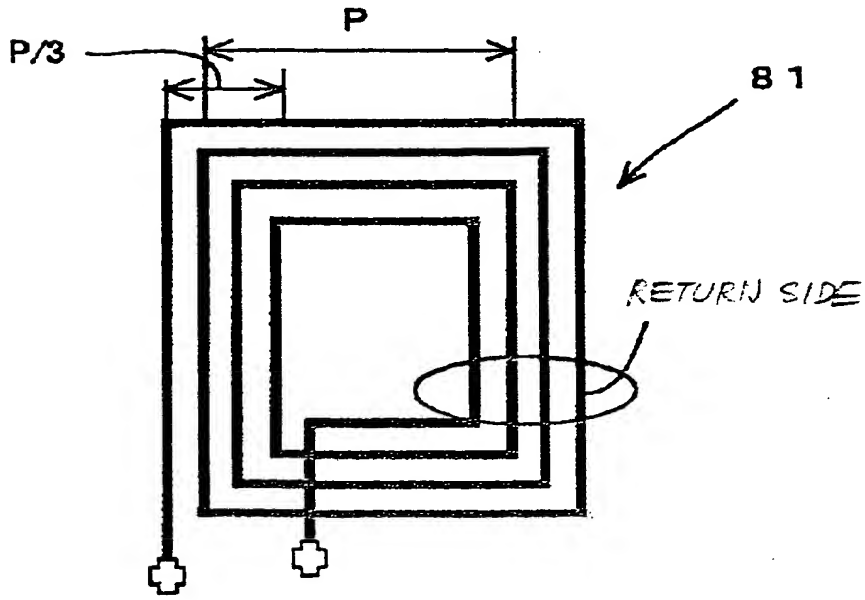


FIG. 27

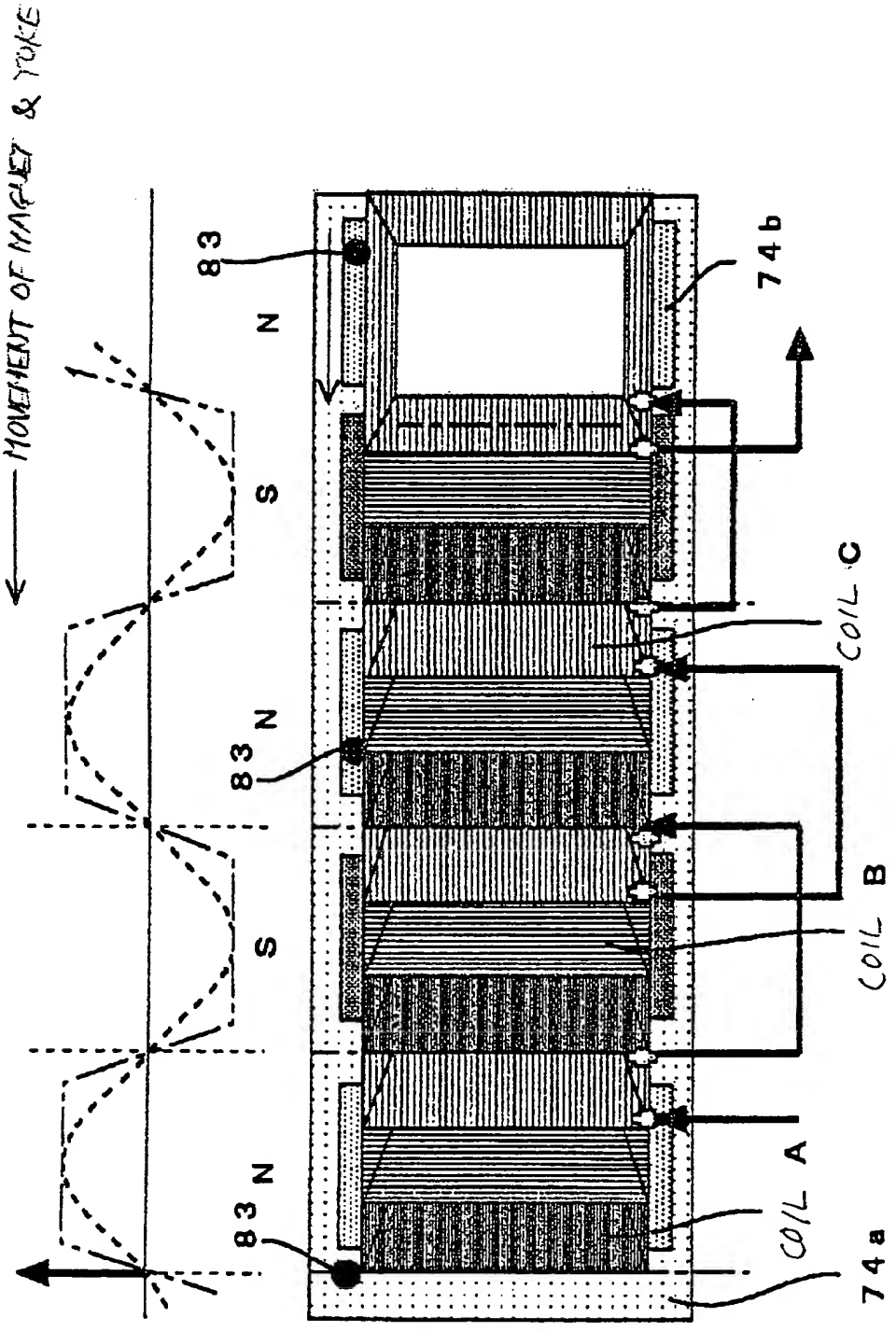

MOVEMENT OF MAGNET & YOKE
83
N
S
N
S
N
83
83
74b
COIL C
COIL B
COIL A
74a

FIG. 28

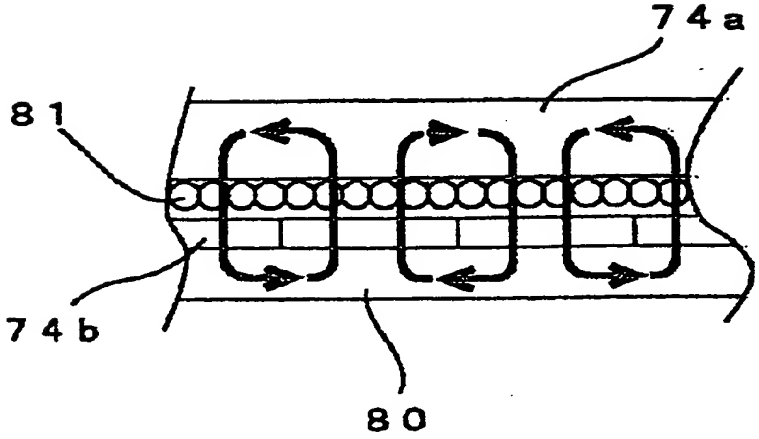

74a
81
74b
80

FIG. 29

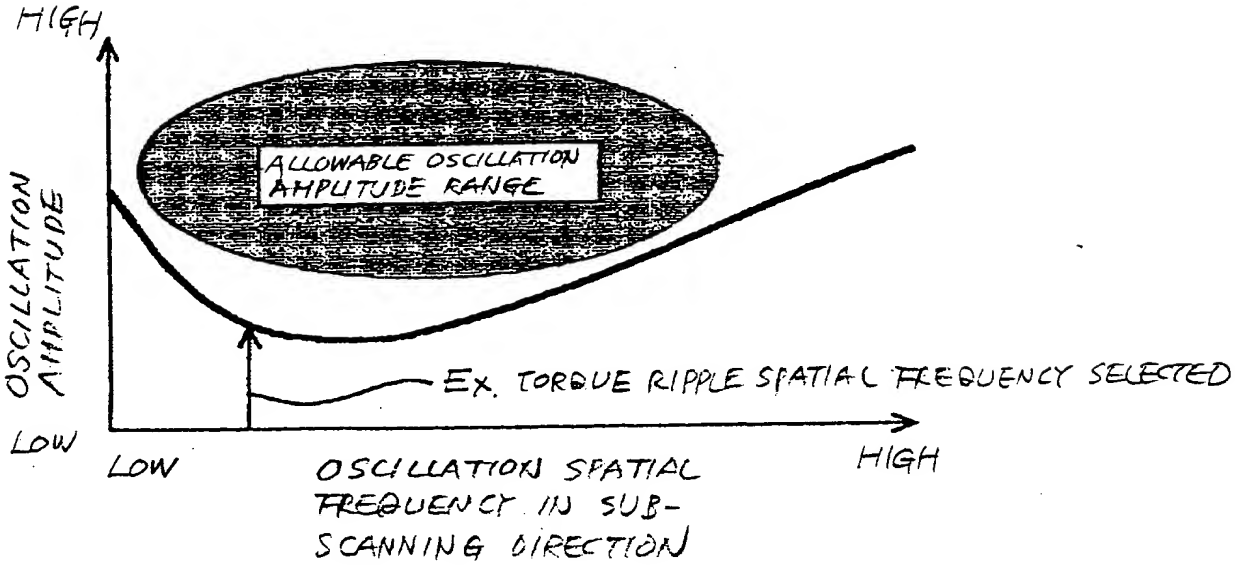

HIGH
ALLOWABLE OSCILLATION AMPLITUDE RANGE
OSCILLATION AMPLITUDE
Ex. TORQUE RIPPLE SPATIAL FREQUENCY SELECTED
LOW
LOW
HIGH
OSCILLATION SPATIAL FREQUENCY IN SUB-SCANNING DIRECTION

FIG. 30

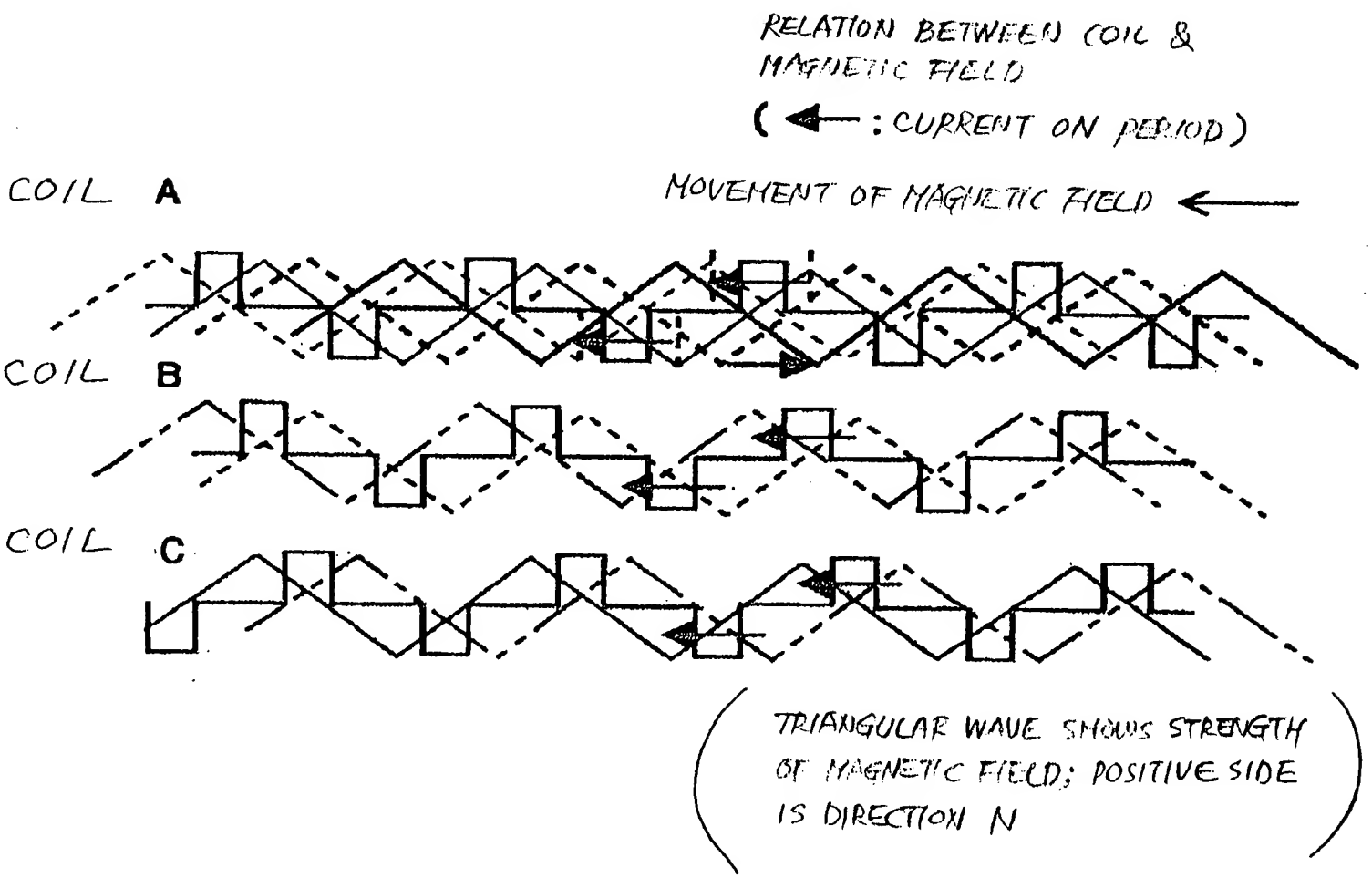
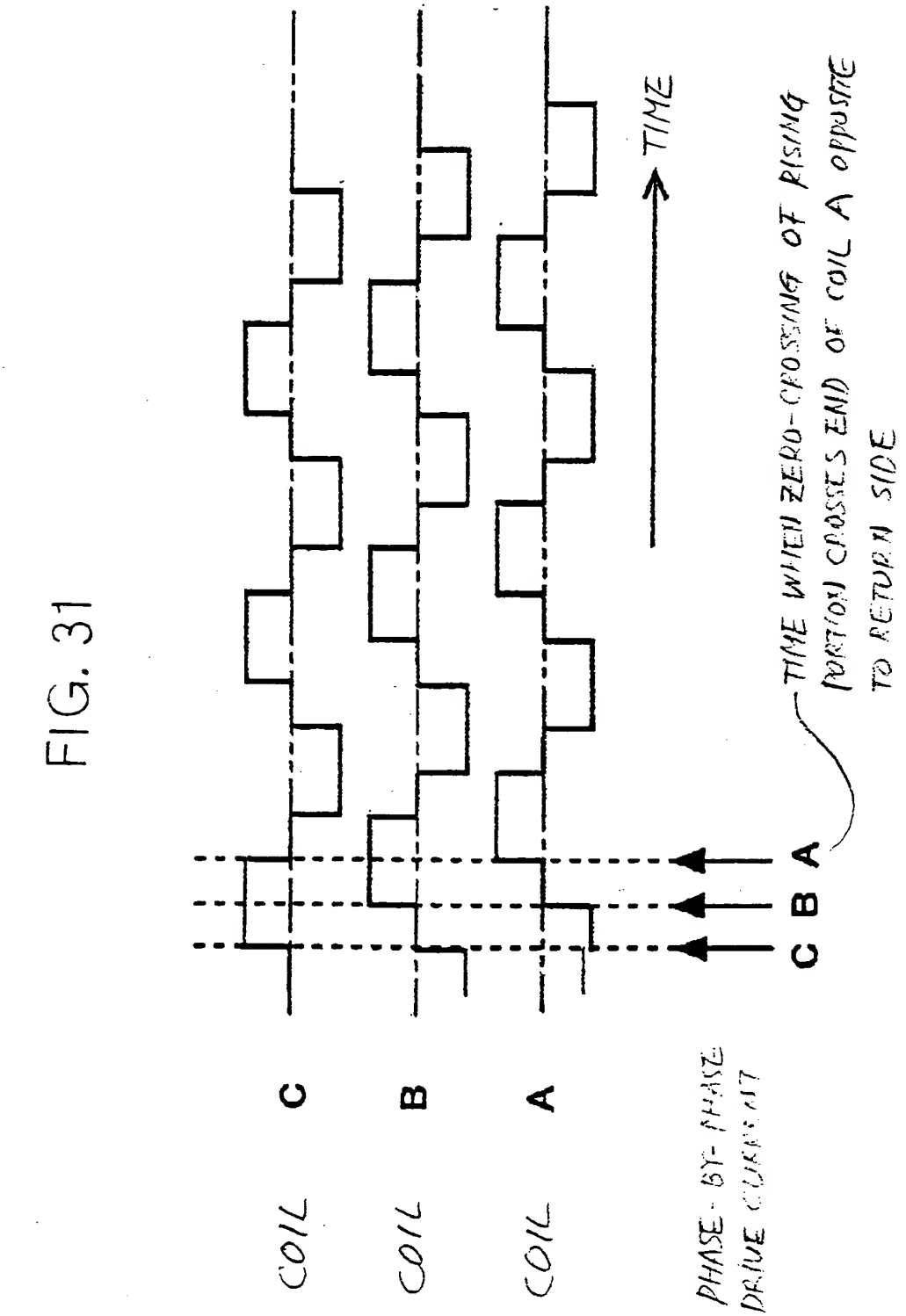


FIG. 31



OBLON, SPIVAK, ET AL
DOCKET #: 215810US3
INV: Hiroshi KOIDE
SHEET 23 OF 25

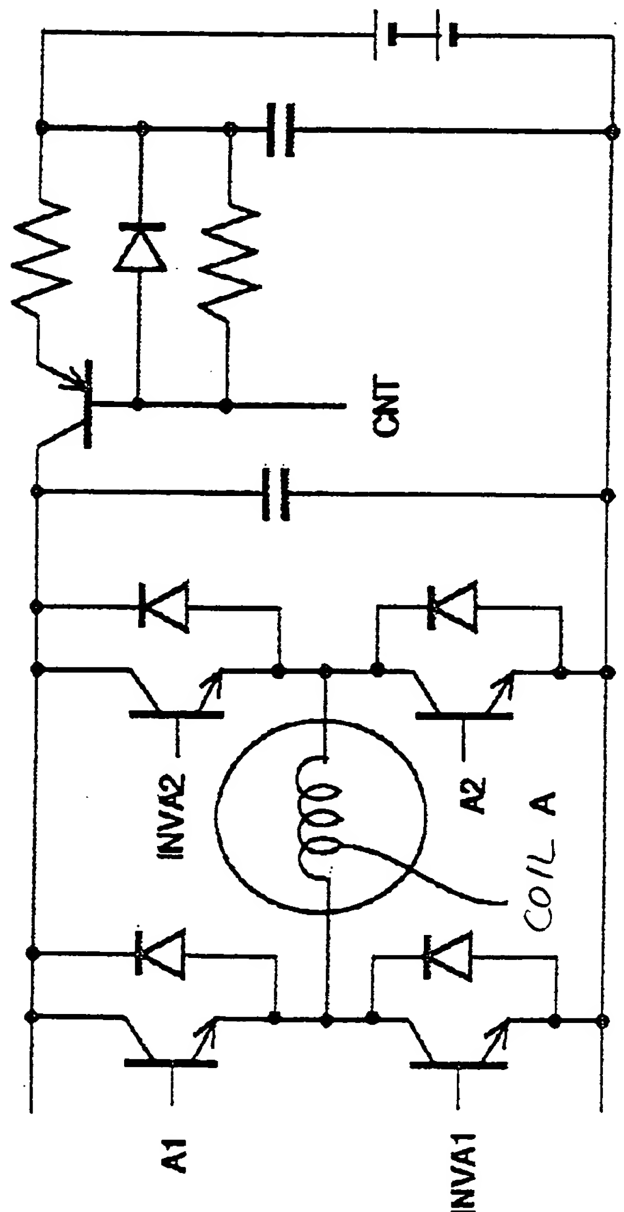


FIG. 32

FIG. 33

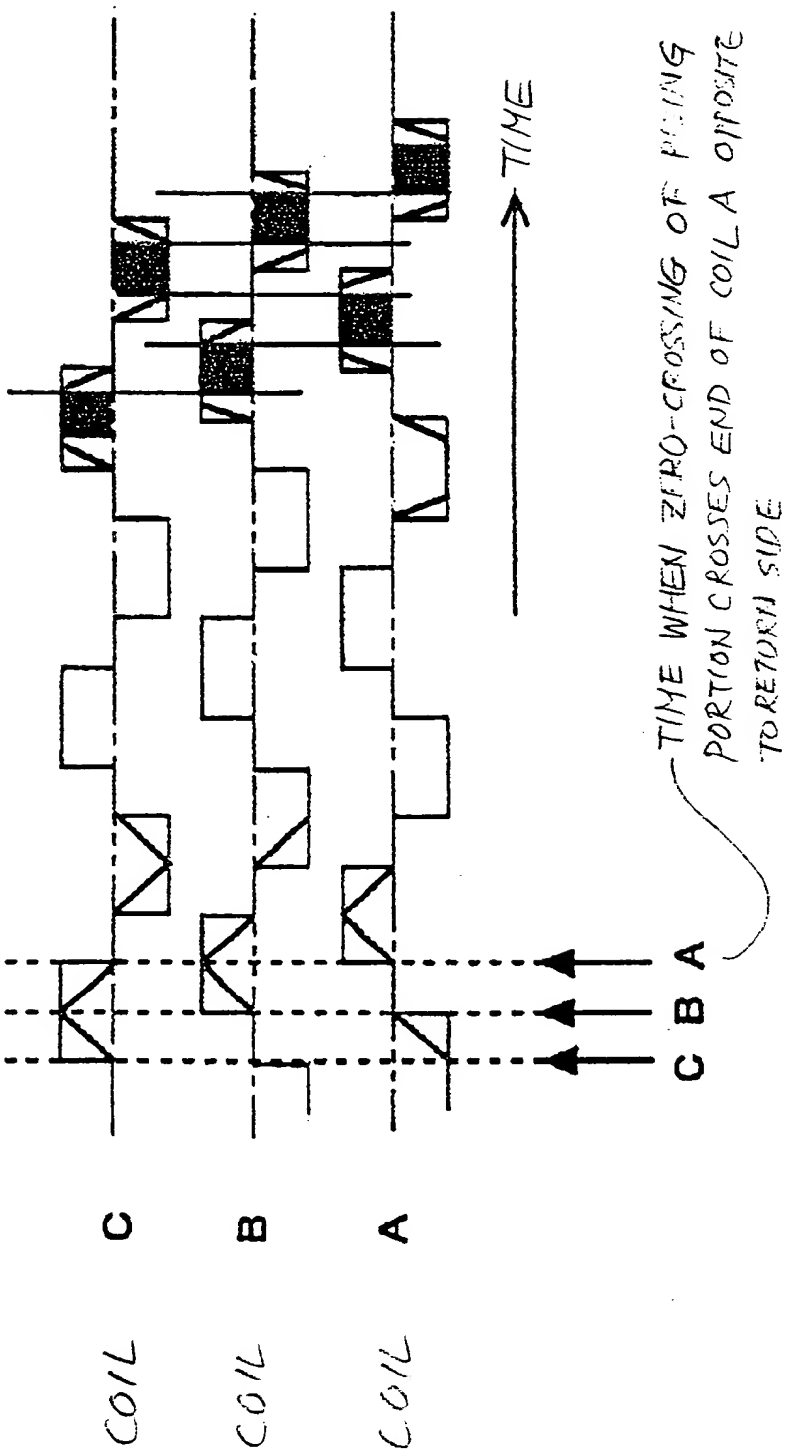


FIG. 34A

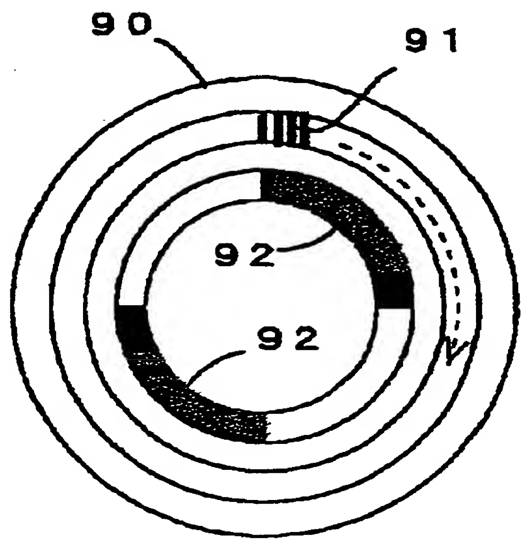


FIG. 34B